

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	384	(564/219).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/01 12:11
L2	17	transamidation and metathesis	US-PGPUB; USPAT	OR	ON	2005/07/01 12:12

## Refine Search

### Search Results -

Terms	Documents
L6 and amide metathesis	17

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L8





### Search History

DATE: Friday, July 01, 2005    [Printable Copy](#)    [Create Case](#)

**Set Name**    **Query**  
side by side

**Hit Count**    **Set Name**  
result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND*

<u>L8</u>	L6 and amide metathesis	17	<u>L8</u>
<u>L7</u>	L6 and metathesis	17	<u>L7</u>
<u>L6</u>	L2 and (scandium or titanium)	187	<u>L6</u>
<u>L5</u>	l2 and (Sc or Ti)	104	<u>L5</u>
<u>L4</u>	transamidation adj metathesis	0	<u>L4</u>
<u>L3</u>	amide adj metathesis	5	<u>L3</u>
<u>L2</u>	transamidation	846	<u>L2</u>
<u>L1</u>	(transamidation)and(amide adj metathesis)	2	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

### Search Results - Record(s) 1 through 10 of 17 returned.

☐ 1. Document ID: US 20040230078 A1

L8: Entry 1 of 17

File: PGPB

Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040230078

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040230078 A1

TITLE: Catalytic transamidation and amide metathesis under moderate conditions

PUBLICATION-DATE: November 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stahl, Shannon S.	Madison	WI	US	
Gellman, Samuel H.	Madison	WI	US	
Eldred, Sarah E.	Madison	WI	US	

US-CL-CURRENT: 564/123

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20040180412 A1

L8: Entry 2 of 17

File: PGPB

Sep 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040180412

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040180412 A1

TITLE: Evolving new molecular function

PUBLICATION-DATE: September 16, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Liu, David R.	Lexington	MA	US	
Gartner, Zev J.	Somerville	MA	US	
Calderone, Christopher T.	Cambridge	MA	US	

US-CL-CURRENT: 435/91.2; 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040068036 A1

L8: Entry 3 of 17

File: PGPB

Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040068036

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040068036 A1

TITLE: Flexible emissive coatings for elastomer substrates

PUBLICATION-DATE: April 8, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Halladay, James R.	Harborcreek	PA	US	
Krakowski, Frank J.	Erie	PA	US	
Caster, Kenneth C.	Cary	NC	US	
Troughton, Ernest Barritt JR.	Raleigh	NC	US	

US-CL-CURRENT: 524/439; 427/384

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20040018312 A1

L8: Entry 4 of 17

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040018312

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040018312 A1

TITLE: Ambient cured coatings and coated rubber products therefrom

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Halladay, James R.	Harborcreek	PA	US	

US-CL-CURRENT: 427/387

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6844412 B2

L8: Entry 5 of 17

File: USPT

Jan 18, 2005

US-PAT-NO: 6844412

DOCUMENT-IDENTIFIER: US 6844412 B2

TITLE: Ambient cured coatings and coated rubber products therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6777026 B2

L8: Entry 6 of 17

File: USPT

Aug 17, 2004

US-PAT-NO: 6777026

DOCUMENT-IDENTIFIER: US 6777026 B2

TITLE: Flexible emissive coatings for elastomer substrates

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 7. Document ID: US 6683075 B1

L8: Entry 7 of 17

File: USPT

Jan 27, 2004

US-PAT-NO: 6683075

DOCUMENT-IDENTIFIER: US 6683075 B1

TITLE: Cycloalkyl, lactam, lactone and related compounds, pharmaceutical compositions comprising same, and methods for inhibiting .beta.-amyloid peptide release and/or its synthesis by use

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 8. Document ID: US 6667305 B1

L8: Entry 8 of 17

File: USPT

Dec 23, 2003

US-PAT-NO: 6667305

DOCUMENT-IDENTIFIER: US 6667305 B1

TITLE: Cycloalkyl, lactam, lactone and related compounds, pharmaceutical compositions comprising same, and methods for inhibiting .beta.-amyloid peptide release and/or its synthesis by use of such compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 9. Document ID: US 6653303 B1

L8: Entry 9 of 17

File: USPT

Nov 25, 2003

US-PAT-NO: 6653303

DOCUMENT-IDENTIFIER: US 6653303 B1

TITLE: Cycloalkyl, lactam, lactone and related compounds, pharmaceutical compositions comprising same, and methods for inhibiting .beta.-amyloid peptide release and/or its synthesis by use of such compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw De
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☐ 10. Document ID: US 6635632 B1

L8: Entry 10 of 17

File: USPT

Oct 21, 2003

US-PAT-NO: 6635632

DOCUMENT-IDENTIFIER: US 6635632 B1

TITLE: Cycloalkyl, lactam, lactone and related compounds, pharmaceutical compositions comprising same, and methods for inhibiting .beta.-amyloid peptide release and/or its synthesis by use of such compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw De
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L6 and amide metathesis

17

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[Next Page](#)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:39:26 ON 01 JUL 2005

=> file casreact

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FILE CONTENT:1840 - 26 Jun 2005 VOL 142 ISS 26

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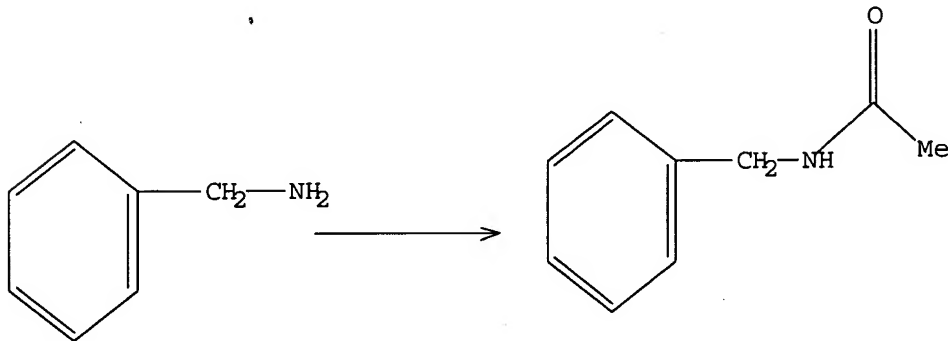
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 10:40:15 FILE 'CASREACT'  
SCREENING COMPLETE - 4921 REACTIONS TO VERIFY FROM 364 DOCUMENTS

100.0% DONE 4921 VERIFIED 1 HIT RXNS 1 DOCS  
SEARCH TIME: 00.00.01

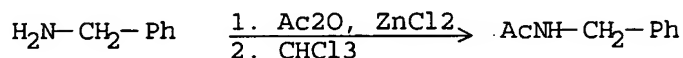
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED VERIFICATIONS: 94234 TO 102606  
PROJECTED ANSWERS: 1 TO 79

L2 1 SEA SSS SAM L1 ( 1 REACTIONS)

=> d

L2 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

RX(20) OF 38



REF: Applied Organometallic Chemistry, 15(1), 67-74; 2001

=> s 11 ful

FULL SEARCH INITIATED 10:40:57 FILE 'CASREACT'

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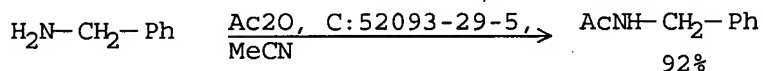
100.0% DONE 77898 VERIFIED 202 HIT RXNS 99 DOCS  
SEARCH TIME: 00.00.02

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L3 ANSWER 1 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

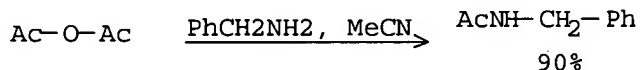
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REF: Journal of Molecular Catalysis A: Chemical, 226(1), 57-59; 2005

L3 ANSWER 2 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(16) OF 36

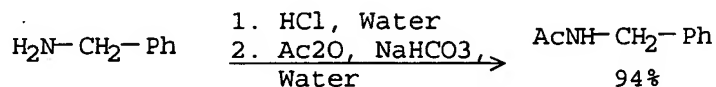


REF: Indian Journal of Chemistry, Section B: Organic Chemistry  
Including Medicinal Chemistry, 43B(4), 888-891; 2004

NOTE: chemoselective, zeolite catalyst

L3 ANSWER 3 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(3) OF 33

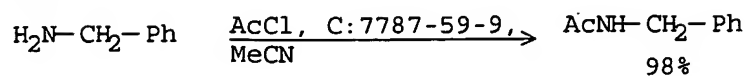


REF: ARKIVOC (Gainesville, FL, United States), (1), 55-63; 2004

NOTE: chemoselective, green chem.

L3 ANSWER 4 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

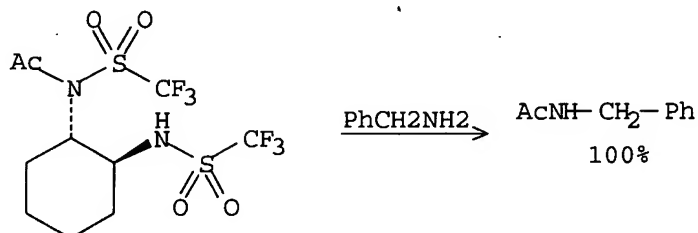
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REF: Tetrahedron Letters, 45(36), 6775-6778; 2004

L3 ANSWER 5 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

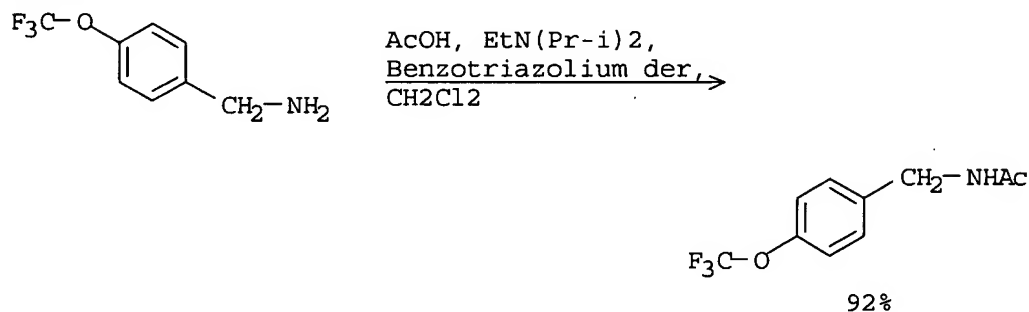
RX(3) OF 13



REF: Angewandte Chemie, International Edition, 43(25), 3314-3317; 2004

L3 ANSWER 6 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

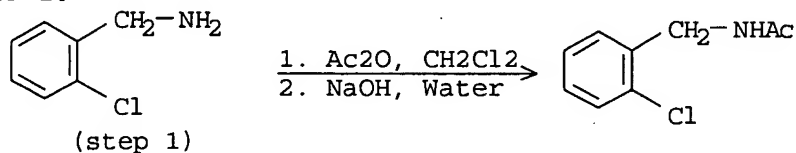
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REF: PCT Int. Appl., 2004056748, 08 Jul 2004

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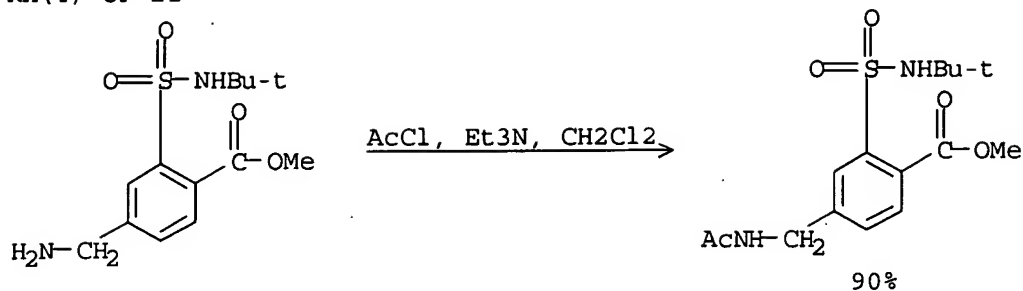
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REF: PCT Int. Appl., 2004058681, 15 Jul 2004

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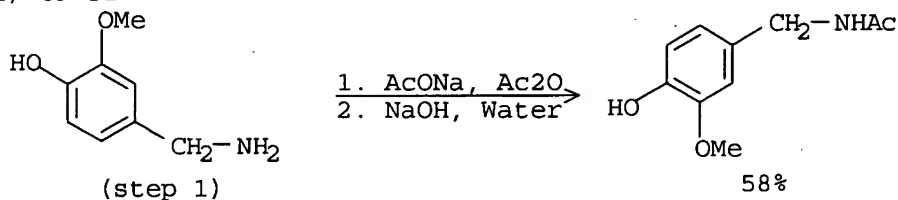
RX(4) OF 21



REF: Beijing Gongshang Daxue Xuebao, Ziran Kexueban, 21(2), 11-13; 2003

L3 ANSWER 9 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

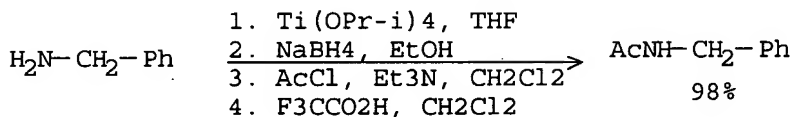
RX(1) OF 32



REF: Journal of Organic Chemistry, 68(23), 9100-9104; 2003

L3 ANSWER 10 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 10

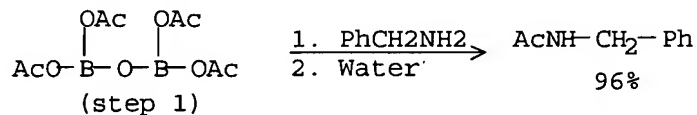


REF: Tetrahedron Letters, 44(32), 6099-6102; 2003

NOTE: solid-supported reaction, first stage attachment to indole aldehyde resin

L3 ANSWER 11 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

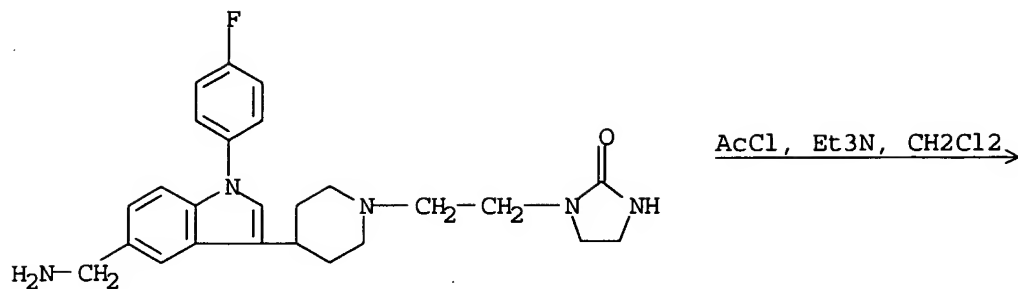
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REF: Combinatorial Chemistry and High Throughput Screening, 6(2), 139-145; 2003

L3 ANSWER 12 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

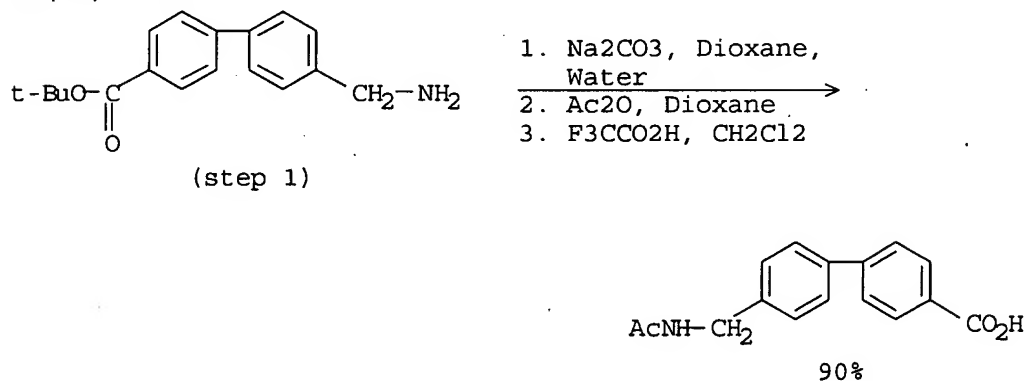
RX(6) OF 247



REF: Bioorganic & Medicinal Chemistry, 11(6), 1065-1078; 2003

L3 ANSWER 13 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

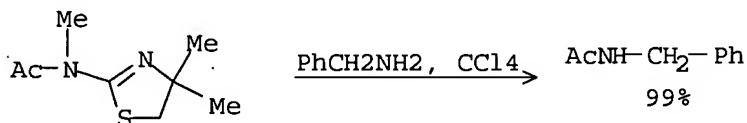
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REF: Journal of Combinatorial Chemistry, 5(4), 379-391; 2003

L3 ANSWER 14 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

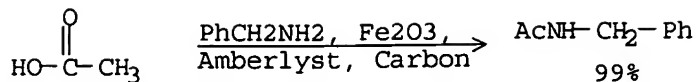
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REF: Tetrahedron Letters, 43(52), 9553-9557; 2002

L3 ANSWER 15 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(12) OF 21

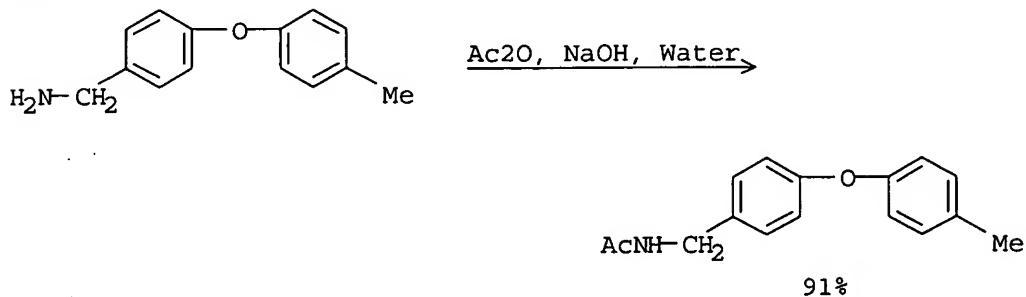


REF: Journal of Molecular Catalysis A: Chemical, 191(1), 141-147; 2003

NOTE: green chem., activated C contg. amberlyst supported cat.

L3 ANSWER 16 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

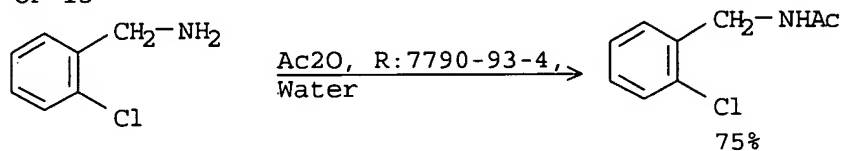
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REF: Yingyong Huaxue, 20(1), 98-99; 2003

L3 ANSWER 17 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

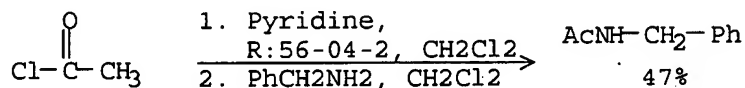
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REF: Bulletin of the Korean Chemical Society, 23(9), 1208-1212; 2002

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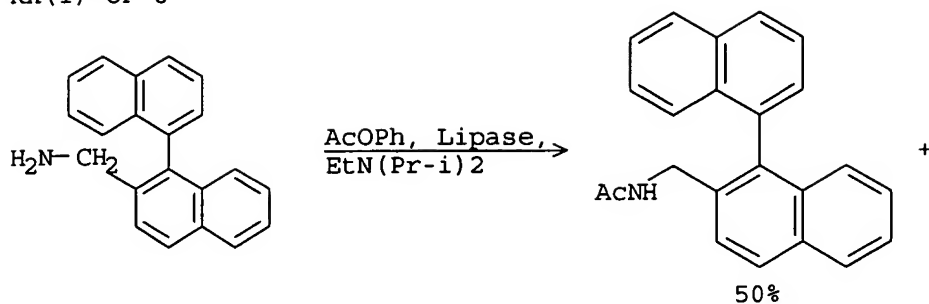


REF: Tetrahedron Letters, 43(37), 6507-6509; 2002

NOTE: solid-supported reaction, microwave irradiation.

L3 ANSWER 19 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 6

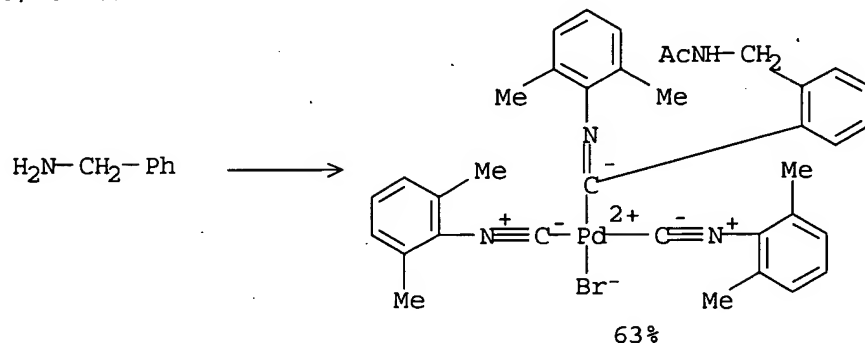


REF: Tetrahedron Letters, 43(32), 5529-5531; 2002

NOTE: stereoselective, biotransformation, enzymic, LIP used

L3 ANSWER 20 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

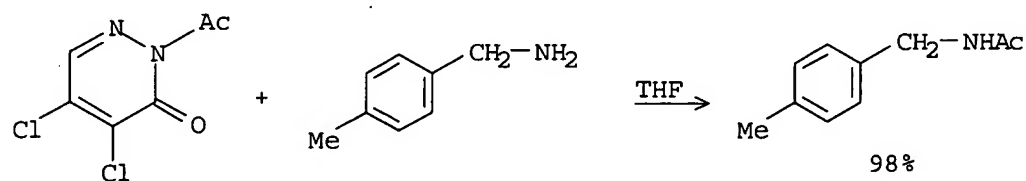
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REF: Organometallics, 21(17), 3587-3595; 2002

L3 ANSWER 21 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 25

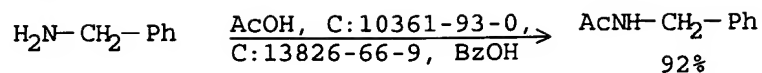


REF: Synthesis, (6), 733-738; 2002

NOTE: chemoselective, CH<sub>2</sub>Cl<sub>2</sub> may also be used as solvent

L3 ANSWER 22 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

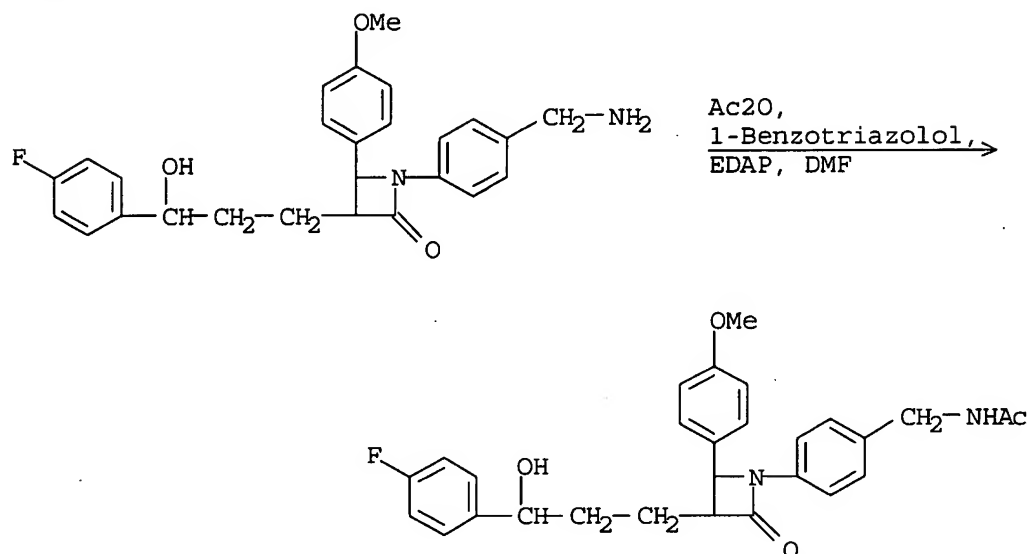
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REF: Journal of Molecular Catalysis A: Chemical, 181(1-2), 207-213; 2002

L3 ANSWER 23 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

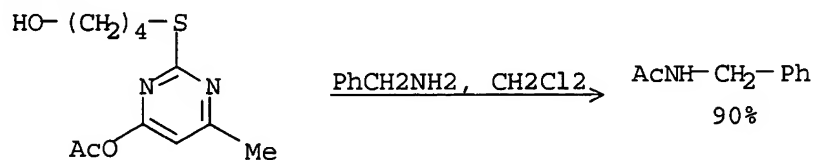
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REF: PCT Int. Appl., 2002050027, 27 Jun 2002

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RX(6) OF 29

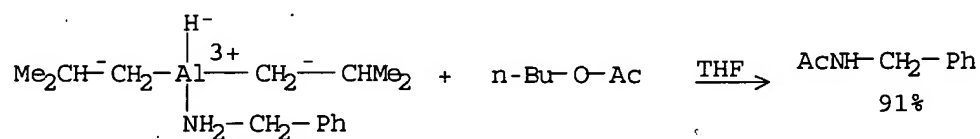


REF: Heterocycles, 56(1-2), 369-377; 2002

NOTE: solid-supported reaction

L3 ANSWER 25 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

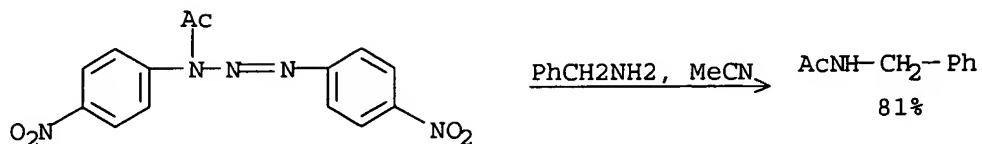
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REF: Tetrahedron Letters, 42(51), 9039-9041; 2001

L3 ANSWER 26 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

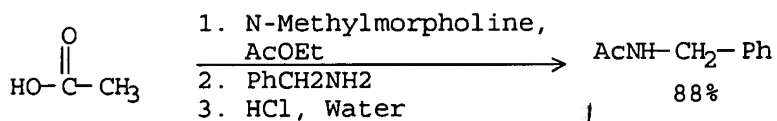
RX(10) OF 57



REF: Tetrahedron Letters, 42(38), 6659-6662; 2001

L3 ANSWER 27 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

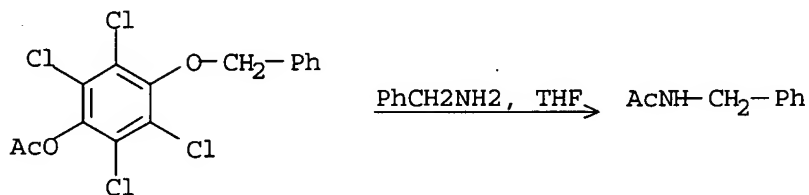
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REF: Eur. Pat. Appl., 1160236, 05 Dec 2001

L3 ANSWER 28 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 11

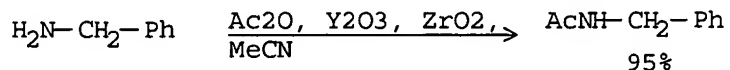


REF: Journal of Combinatorial Chemistry, 3(6), 604-611; 2001

NOTE: 96.3% conversion, results with other amines comparable to those of nitrophenyl acetate reagent

L3 ANSWER 29 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

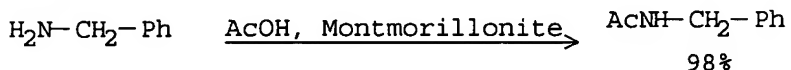
RX(15) OF 23



REF: Synlett, (2), 206-209; 2001

L3 ANSWER 30 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(10) OF 19

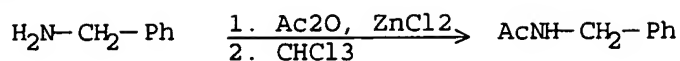


REF: U.S., 6215024, 10 Apr 2001

NOTE: alternative catalyst gave similar yields

L3 ANSWER 31 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

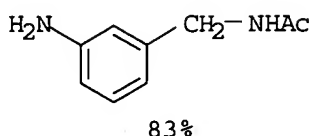
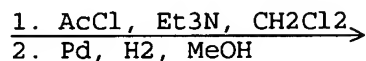
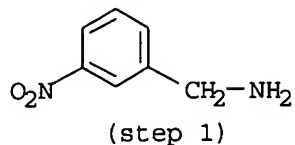
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REF: Applied Organometallic Chemistry, 15(1), 67-74; 2001

L3 ANSWER 32 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

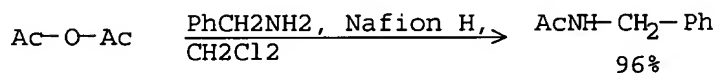
RX(6) OF 25



REF: Bioorganic & Medicinal Chemistry Letters, 10(24), 2771-2774; 2000

L3 ANSWER 33 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

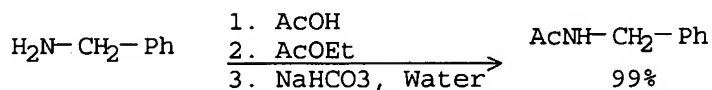
RX(28) OF 30



REF: Synlett, (11), 1652-1654; 2000

L3 ANSWER 34 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 14

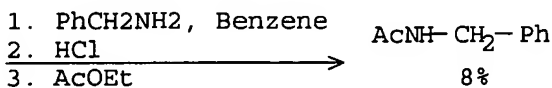
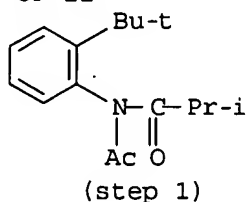


REF: Green Chemistry, 2(3), 104-105; 2000

NOTE: HY ZEOLITE USED AS CAT. , GREEN CHEM. -CAT.

L3 ANSWER 35 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

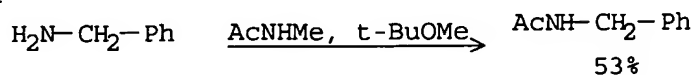
RX(5) OF 22



REF: Tetrahedron, 56(45), 8883-8891; 2000

NOTE: STEREOSELECTIVE

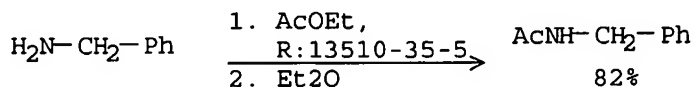
RX(1) OF 4



REF: Biotechnology Letters, 22(17), 1419-1422; 2000

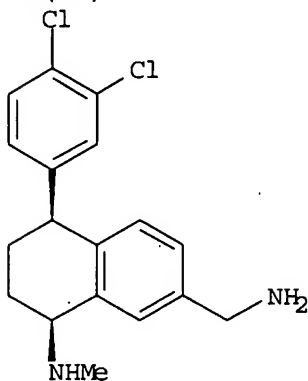
NOTE: ENZYMIC

RX(15) OF 19

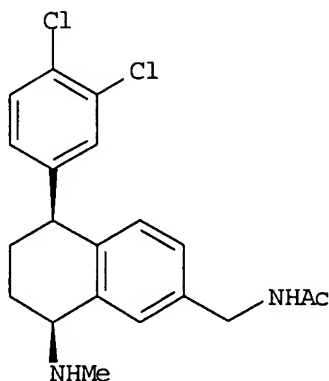
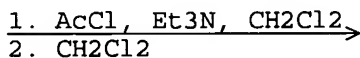


REF: Perkin 1, (14), 2223-2225; 2000

RX(25) OF 427



x HCl  
(step 1)

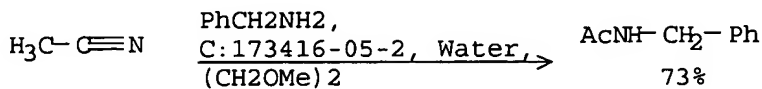


30%

REF: PCT Int. Appl., 2000051972, 08 Sep 2000

NOTE: STEREOSELECTIVE

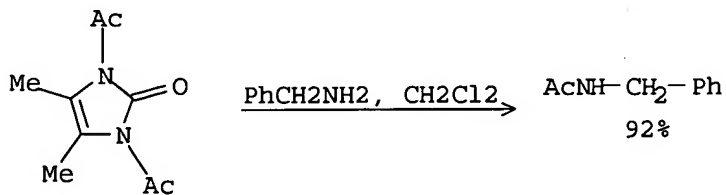
RX(2) OF 14



REF: Tetrahedron Letters, 41(14), 2467-2470; 2000

L3 ANSWER 40 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

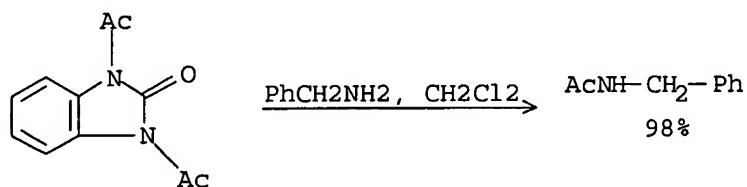
RX(2) OF 23



REF: Heterocycles, 53(3), 529-533; 2000

L3 ANSWER 41 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

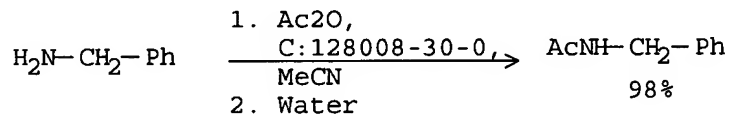
RX(3) OF 21



REF: U.S., 5994557, 30 Nov 1999

L3 ANSWER 42 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

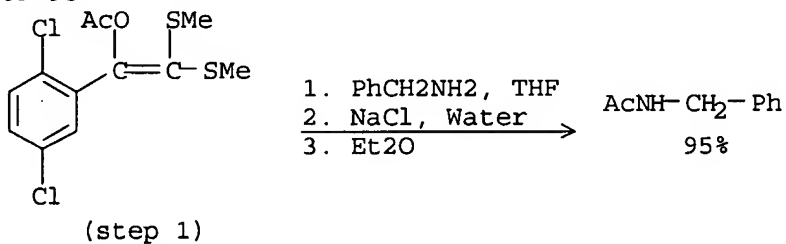
RX(14) OF 16



REF: Synlett, (11), 1743-1744; 1999

L3 ANSWER 43 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

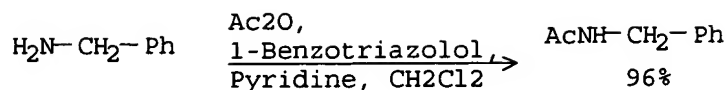
RX(18) OF 95



REF: Synthesis, (7), 1200-1208; 1999

L3 ANSWER 44 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

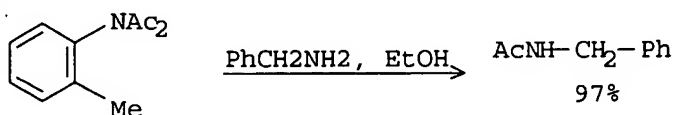
RX(5) OF 10



REF: Chemical Communications (Cambridge), (4), 499-500; 1998

L3 ANSWER 45 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

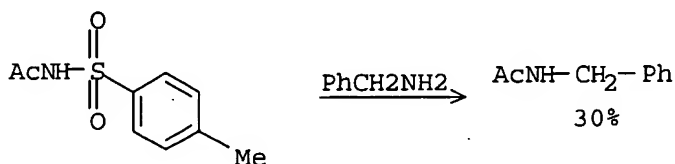
RX(1) OF 13



REF: Tetrahedron Letters, 38(21), 3751-3754; 1997

L3 ANSWER 46 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

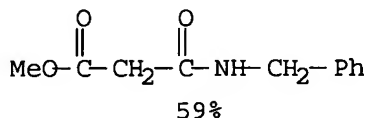
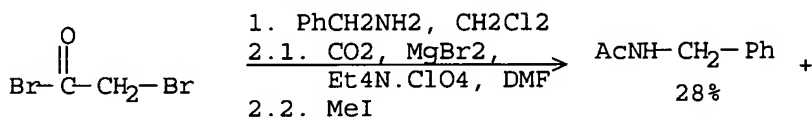
RX(8) OF 17



REF: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry, 34B(12), 1102-4; 1995

L3 ANSWER 47 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(26) OF 54 - 2 STEPS

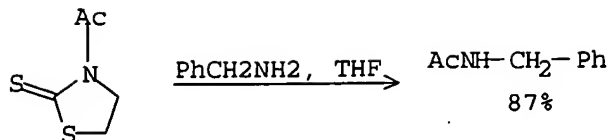


REF: Journal of Chemical Research, Synopses, (5), 166-7; 1995

NOTE: 1) regioselective, 2) Electrochem., product ratio depends on solvent, value of working potential; electrolyte additive, mercury cathode and -1.4 V used

L3 ANSWER 48 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

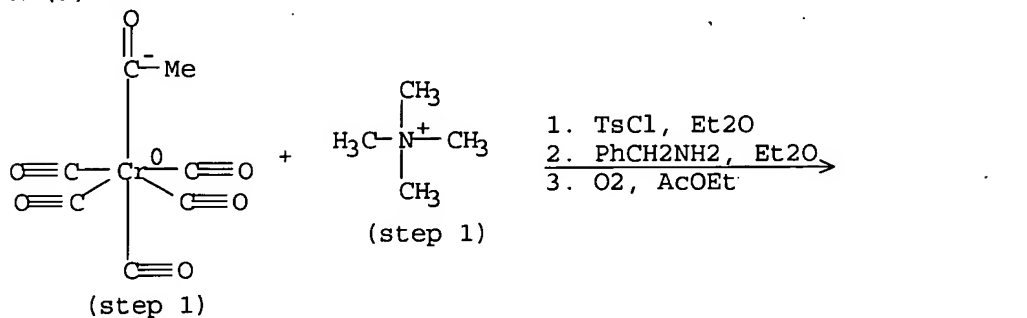
RX(6) OF 12



REF: Journal of the Chinese Chemical Society (Taipei), 42(3), 585-7; 1995

L3 ANSWER 49 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

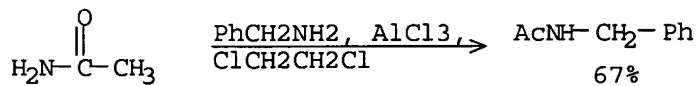
RX(9) OF 9



REF: Inorganica Chimica Acta, 222(1-2), 261-6; 1994

L3 ANSWER 50 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

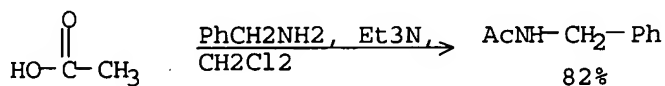
RX(1) OF 8



REF: Journal of Organic Chemistry, 59(15), 4035-6; 1994

L3 ANSWER 51 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

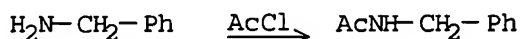
RX(7) OF 8



REF: Phosphorus, Sulfur and Silicon and the Related Elements, 55(1-4), 185-94; 1991

L3 ANSWER 52 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

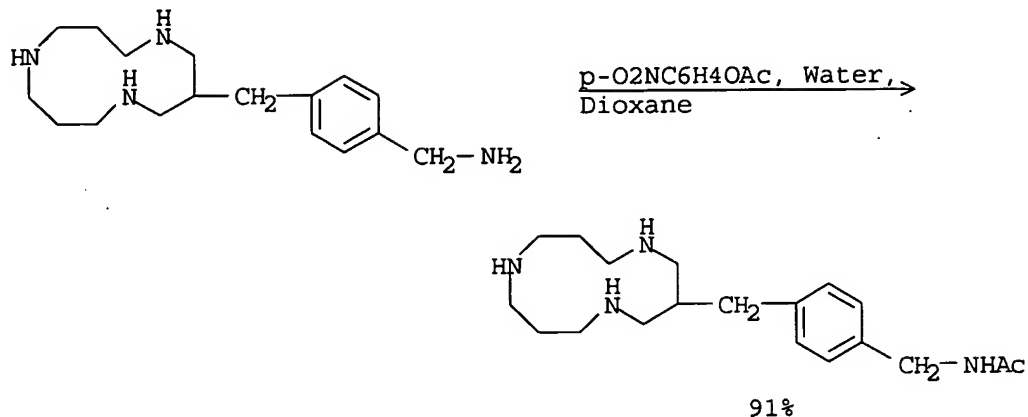
RX(16) OF 51



REF: Analytical Chemistry, 63(3), 255-61; 1991

L3 ANSWER 53 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

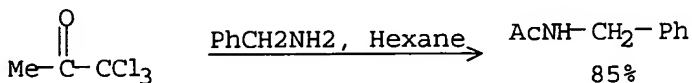
RX(13) OF 58



REF: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999), (11), 2079-82; 1989  
NOTE: Buffered soln.

L3 ANSWER 54 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

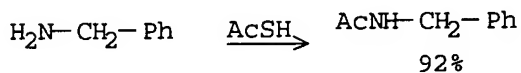
RX(2) OF 24



REF: Synthetic Communications, 19(7-8), 1181-7; 1989

L3 ANSWER 55 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

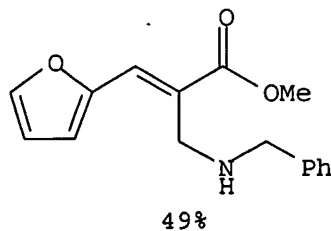
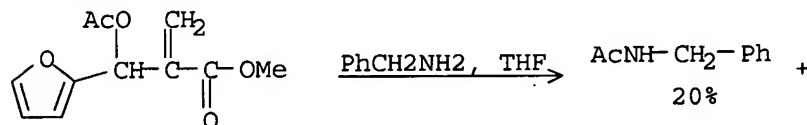
RX(2) OF 16



REF: Eur. Pat. Appl., 331960, 13 Sep 1989

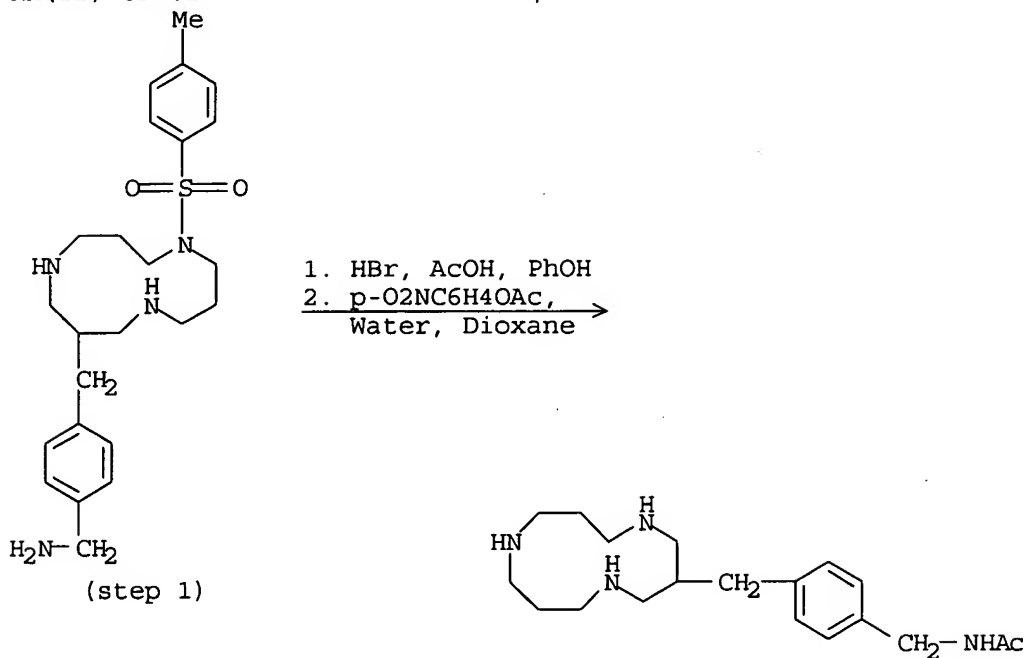
L3 ANSWER 56 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(39) OF 123



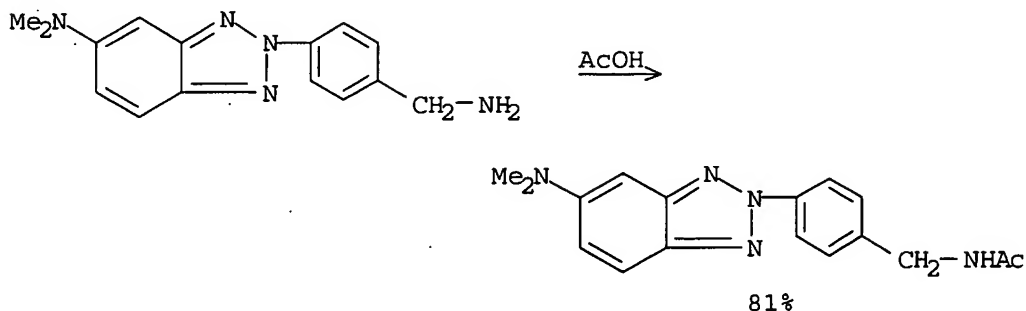
REF: Bulletin de la Societe Chimique de France, (3), 403-8; 1989

RX(12) OF 61



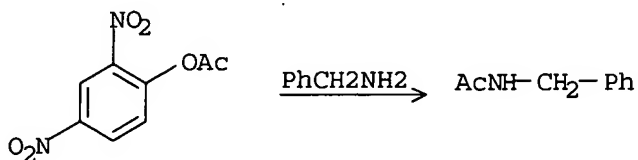
REF: Journal of the Chemical Society, Chemical Communications, (12), 794-6; 1989

RX(1) OF 5



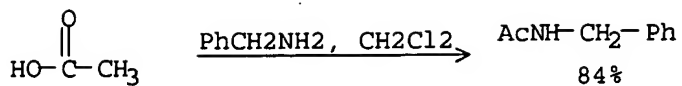
REF: Chemical & Pharmaceutical Bulletin, 37(3), 831-3; 1989

RX(17) OF 24



REF: Zhurnal Obshchei Khimii, 58(11), 2566-71; 1988

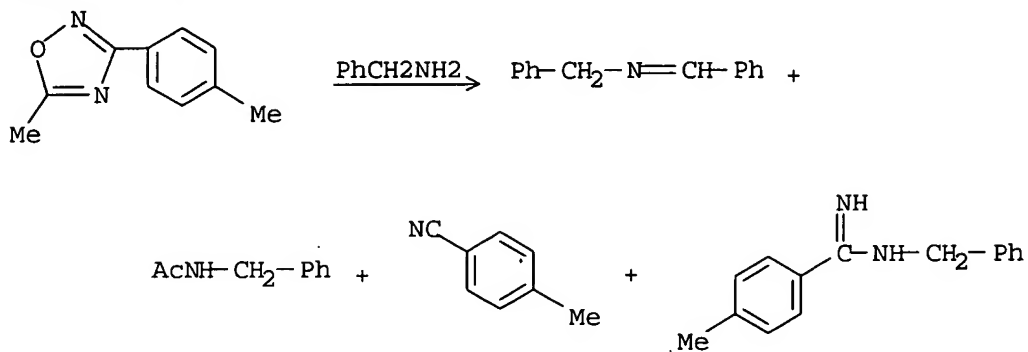
RX(3) OF 20



REF: Reactive Polymers, Ion Exchangers, Sorbents, 8(2), 189-92; 1988

L3 ANSWER 61 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

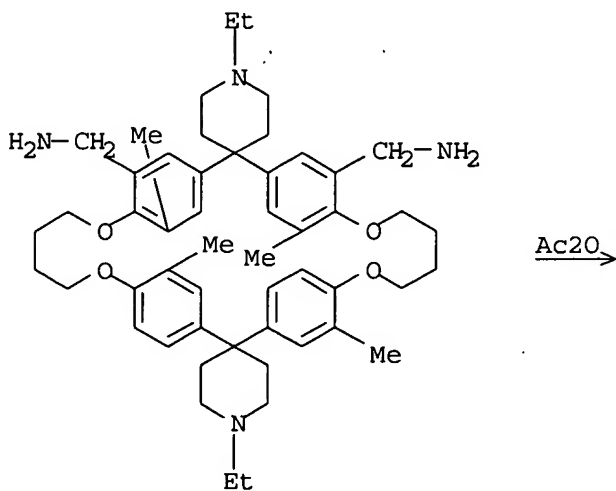
RX(4) OF 15



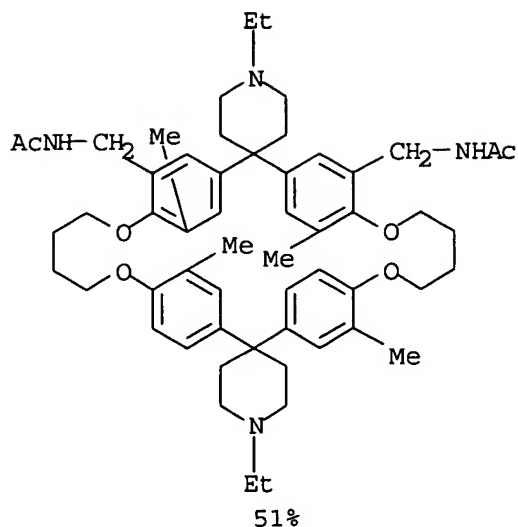
REF: Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1972-1999), (2), 117-22; 1988

L3 ANSWER 62 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(9) OF 308



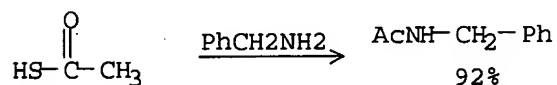
RX(9) OF 308



REF: Journal of Organic Chemistry, 53(12), 2744-57; 1988

L3 ANSWER 63 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

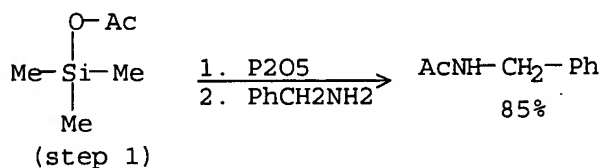
RX(8) OF 9



REF: Journal of Organic Chemistry, 53(7), 1580-2; 1988

L3 ANSWER 64 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

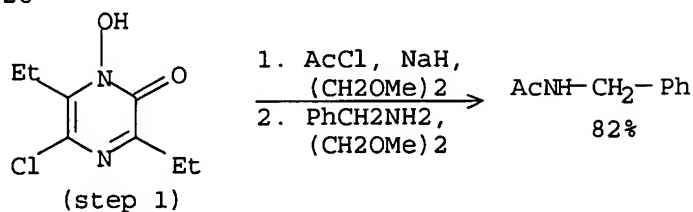
RX(8) OF 50



REF: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry, 26B(5), 407-11; 1987

L3 ANSWER 65 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

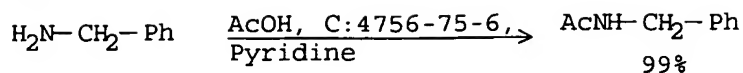
RX(14) OF 26



REF: Journal of Heterocyclic Chemistry, 24(1), 187-90; 1987

L3 ANSWER 66 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

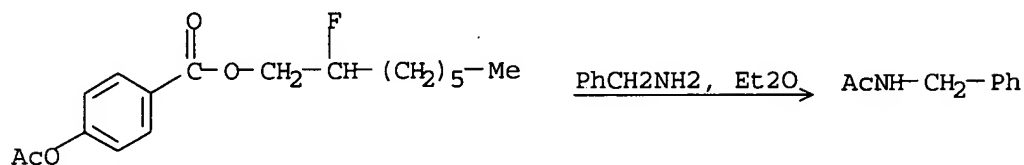
RX(6) OF 20



REF: Chemistry Letters, (11), 1901-4; 1986

L3 ANSWER 67 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

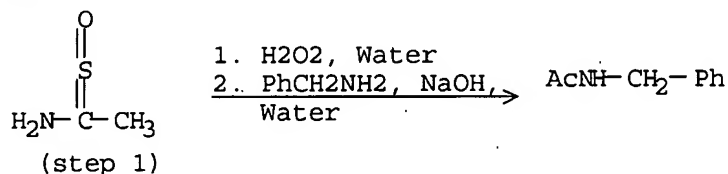
RX(5) OF 21



REF: Jpn. Kokai Tokkyo Koho, 62093248, 28 Apr 1987, Showa

L3 ANSWER 68 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

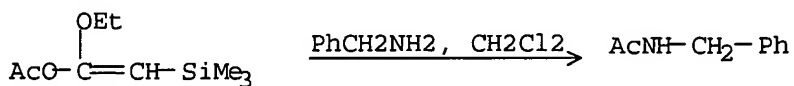
RX(12) OF 37



REF: Phosphorus and Sulfur and the Related Elements, 26(2), 169-84; 1986

L3 ANSWER 69 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

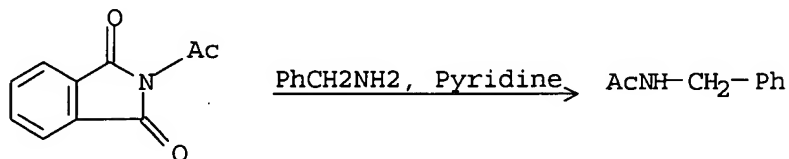
RX(42) OF 84



REF: Journal of Organic Chemistry, 51(22), 4150-8; 1986

L3 ANSWER 70 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

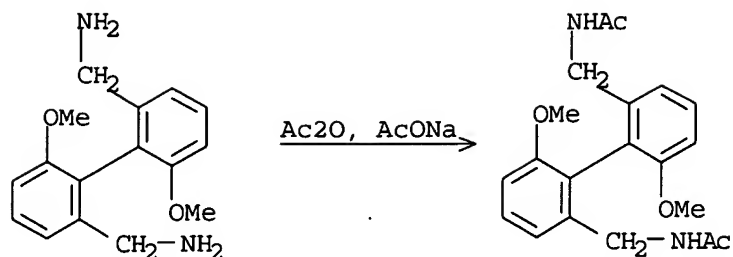
RX(6) OF 10



REF: Revue Roumaine de Chimie, 31(5), 525-7; 1986

L3 ANSWER 71 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

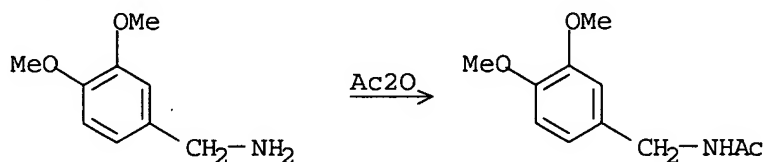
RX(4) OF 83



REF: Journal of Organic Chemistry, 51(17), 3270-8; 1986

L3 ANSWER 72 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(2) OF 534



REF: Journal of Organic Chemistry, 50(24), 4933-8; 1985

L3 ANSWER 73 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

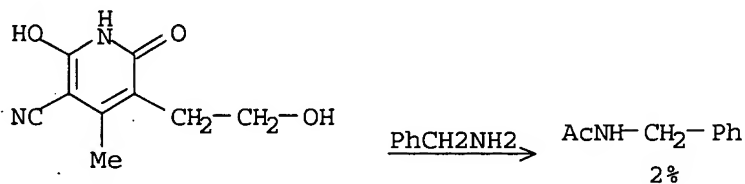
RX(1) OF 20



REF: Fiziologicheski Aktivnye Veshchestva, 16,, 63-6; 1984

L3 ANSWER 74 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(2) OF 25

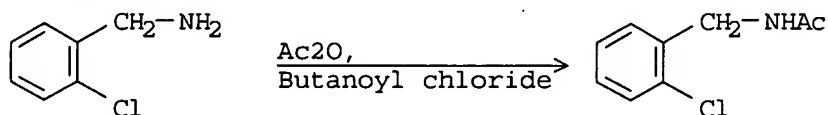


$\text{NH}_3$

REF: Khimiya Geterotsiklicheskih Soedinenii, (8), 1105-9; 1984

L3 ANSWER 75 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

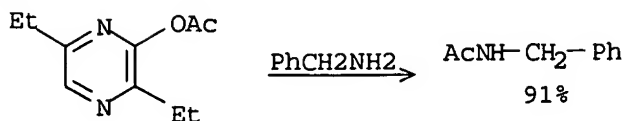
RX(54) OF 68



REF: Journal of the American Chemical Society, 107(2), 435-43; 1985

L3 ANSWER 76 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

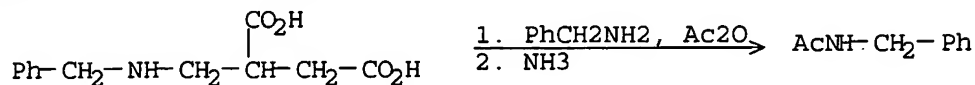
RX(13) OF 149



REF: Journal of Heterocyclic Chemistry, 20(4), 951-5; 1983

L3 ANSWER 77 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

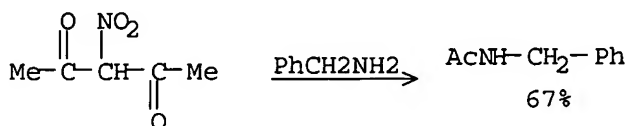
RX(22) OF 58 - 2 STEPS



REF: Journal of Medicinal Chemistry, 26(10), 1463-9; 1983

L3 ANSWER 78 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

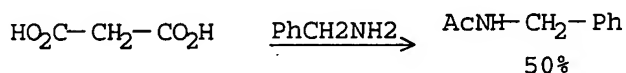
RX(4) OF 29



REF: Nippon Kagaku Kaishi, (1), 88-93; 1983

L3 ANSWER 79 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

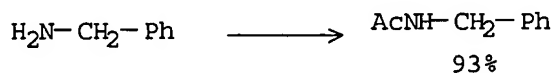
RX(1) OF 7



REF: Journal of Chemical and Engineering Data, 27(4), 481-3; 1982

L3 ANSWER 80 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

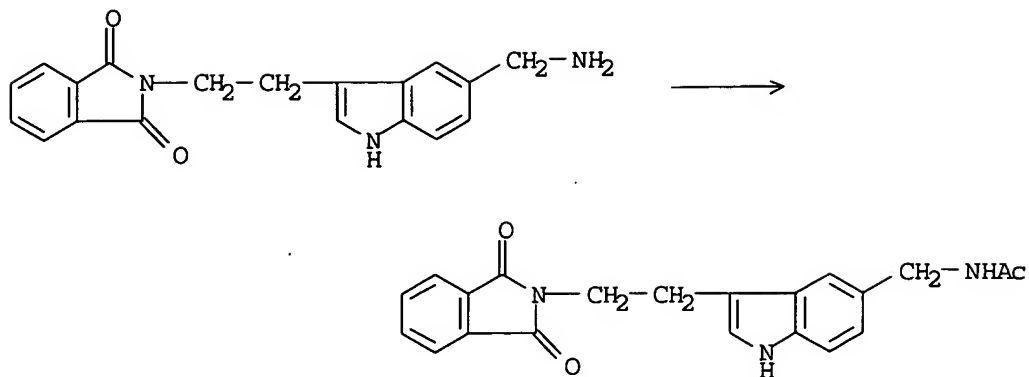
RX(2) OF 17



REF: Tetrahedron Letters, 23(11), 1159-60; 1982

L3 ANSWER 81 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

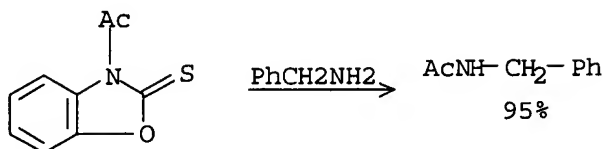
RX(5) OF 9



REF: Belg., 889931, 11 Feb 1982

L3 ANSWER 82 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

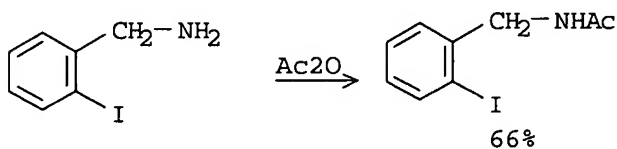
RX(11) OF 22



REF: Synthesis, (12), 991-3; 1981

L3 ANSWER 83 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

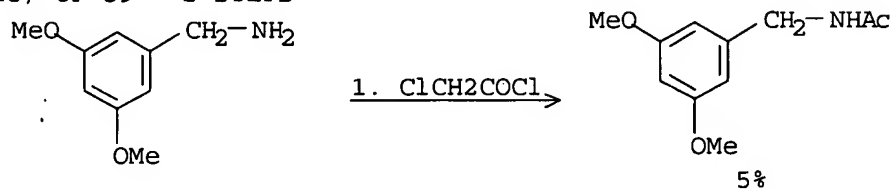
RX(4) OF 101



REF: Journal of Organic Chemistry, 46(17), 3486-92; 1981

L3 ANSWER 84 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

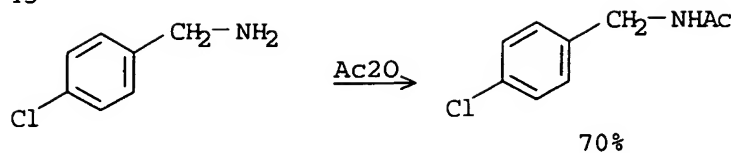
RX(45) OF 59 - 2 STEPS



REF: Chemical & Pharmaceutical Bulletin, 29(1), 128-36; 1981

L3 ANSWER 85 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

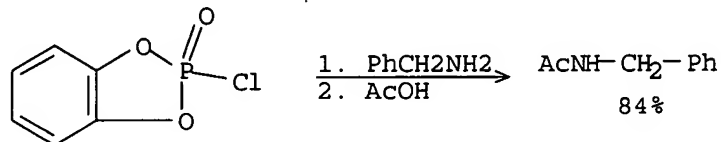
RX(1) OF 43



REF: Journal of Organic Chemistry, 45(23), 4760-3; 1980

L3 ANSWER 86 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

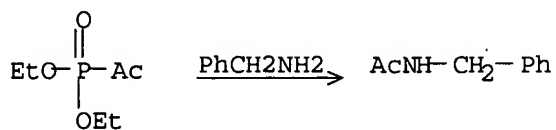
RX(18) OF 26 - 2 STEPS



REF: Tetrahedron Letters, 21(28), 2705-8; 1980

L3 ANSWER 87 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

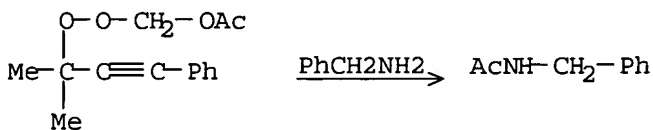
RX(10) OF 30



REF: Journal of Organic Chemistry, 45(21), 4162-7; 1980

L3 ANSWER 88 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

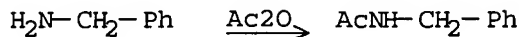
RX(1) OF 10



REF: Zhurnal Organicheskoi Khimii, 16(5), 950-2; 1980

L3 ANSWER 89 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

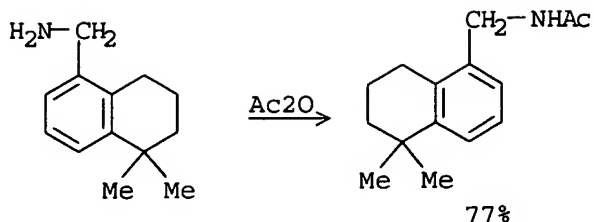
RX(5) OF 21



REF: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry, 19B(3), 211-12; 1980

L3 ANSWER 90 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

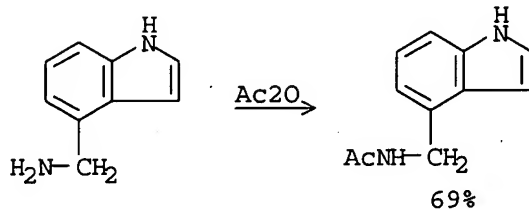
RX(9) OF 14



REF: Synthesis, (12), 931-2; 1978

L3 ANSWER 91 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

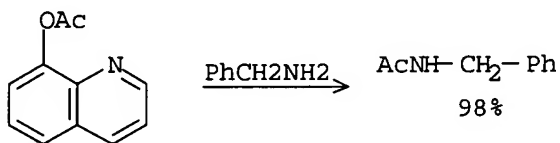
RX(4) OF 49



REF: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry, 15(8), 710-14; 1977

L3 ANSWER 92 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

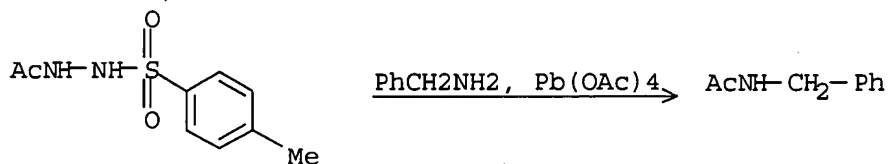
RX(8) OF 12



REF: Synthetic Communications, 7(6), 393-5; 1977

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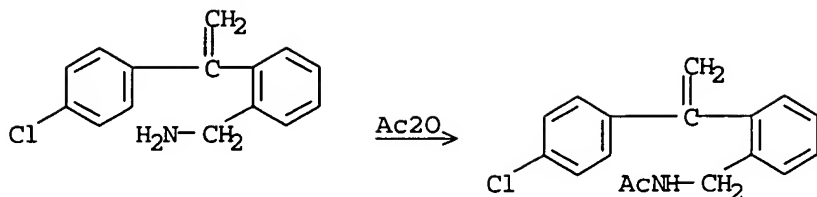
RX(3) OF 5



REF: Angewandte Chemie, 89(10), 742-3; 1977

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RX(1) OF 39

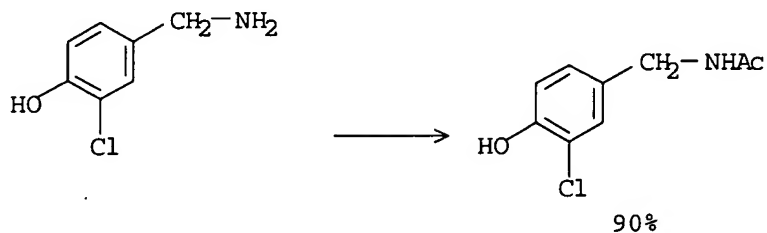


HCl

REF: Helvetica Chimica Acta, 60(5), 1644-9; 1977

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RX(2) OF 5

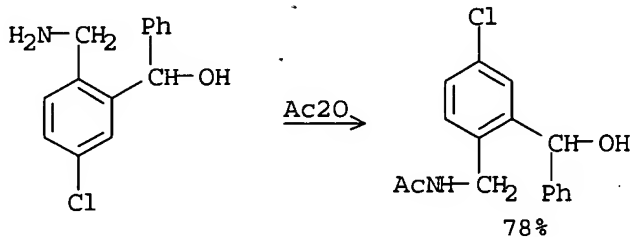


HCl

REF: Journal of Medicinal Chemistry, 20(10), 1254-8; 1977

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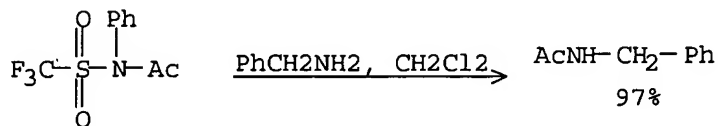
RX(19) OF 196



REF: Farmaco, Edizione Scientifica, 30(10), 773-88; 1975

L3 ANSWER 97 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 4

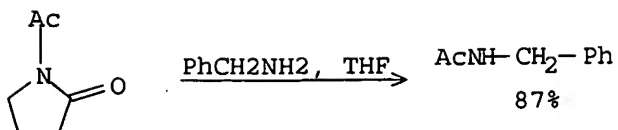


REF: Tetrahedron Letters, No. 46,, 4607-10; 1973

NOTE: Classification: Acetylation; Amidation; # Conditions: AcN(Ph)SO<sub>2</sub>CF<sub>3</sub>; CH<sub>2</sub>Cl<sub>2</sub>; 20 deg

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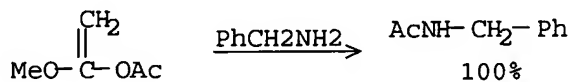
RX(3) OF 4



REF: Bulletin of the Chemical Society of Japan, 37(9), 1245-9; 1964  
NOTE: Classification: Acetylation; Amidation; # Conditions: THF; 50-90 deg; /P 16-48h

L3 ANSWER 99 OF 99 CASREACT COPYRIGHT 2005 ACS on STN

RX(5) OF 10



REF: Journal of the American Chemical Society, 82,, 661-5; 1960  
NOTE: Classification: N-Acylation; Substitution; # Comments: exothermic reaction